| Project Title  | Funding     | Strategic Plan Objective     | Institution                                   |
|--|-------------|------------------------------|---|
| Predicting outcome at age 5 of younger siblings of children with ASD   | \$40,866    | Q1.L.A Vanderbilt University |   |
| Predicting useful speech in children with autism   | \$689,435   | Q1.L.B                       | Vanderbilt University                         |
| Predicting useful speech in children with autism (supplement)  | \$59,553    | Q1.L.B                       | Vanderbilt University                         |
| Social-emotional development of infants at risk for autism spectrum disorders  | \$606,646   | Q1.Other                     | Vanderbilt University                         |
| Identification of UBE3A substrates using proteomic profiling in Drosophila   | \$0         | Q2.S.D                       | University of Tennessee Health Science Center |
| Proteomics in Drosophila to identify autism candidate substrates of UBE3A (supplement)   | \$10,000    | Q2.S.D                       | University of Tennessee Health Science Center |
| Proteomics in Drosophila to identify autism candidate substrates of UBE3A  | \$319,550   | Q2.S.D                       | University of Tennessee Health Science Center |
| Genetic and developmental analyses of fragile X syndrome   | \$532,205   | Q2.S.D                       | Vanderbilt University                         |
| Relation of sleep epileptiform discharges to insomnia and daytime behavior   | \$60,000    | Q2.S.E                       | Vanderbilt University                         |
| Regulation of MET expression in autism disorder and forebrain ontogeny   | \$25,800    | Q2.S.G                       | Vanderbilt University                         |
| Neural mechanisms underlying an extended multisensory temporal binding window in ASD   | \$28,000    | Q2.Other                     | Vanderbilt University                         |
| Murine genetic models of autism  | \$172,390   | Q2.Other                     | Vanderbilt University                         |
| Cerebellar modulation of frontal cortical function   | \$347,643   | Q2.Other                     | University of Memphis                         |
| 5/5-Elucidating the genetic architecture of autism by deep genomic sequencing  | \$2,478,799 | Q3.S.A                       | Vanderbilt University                         |
| Simons Simplex Collection Site   | \$487,500   | Q3.L.B                       | Vanderbilt University                         |
| Unraveling the genetic etiology of autism  | \$491,266   | Q3.L.B                       | Vanderbilt University                         |
| Melatonin for sleep in children with autism: Safety, tolerability, and dosing (supplement)   | \$140,616   | Q4.S.A                       | Vanderbilt University Medical Center          |
| Melatonin for sleep in children with autism: Safety, tolerability, and dosing  | \$345,401   | Q4.S.A                       | Vanderbilt University                         |
| Mouse genetic model of a dysregulated serotonin transporter variant associated with autism   | \$60,000    | Q4.S.B                       | Vanderbilt University                         |
| Transgenic mouse model to address heterogeneity in autism spectrum disorders   | \$454,745   | Q4.S.B                       | Vanderbilt University                         |
| Evaluation of sensory integration treatment in ASD   | \$336,344   | Q4.S.C                       | Vanderbilt University                         |
| High school inclusion program for students with autism spectrum disorders  | \$30,000    | Q4.S.F                       | Vanderbilt University                         |
| Executive functioning, theory of mind, and neurodevelopmental outcomes   | \$118,007   | Q4.L.B                       | Vanderbilt University Medical Center          |
| Related services intervention for expressive and receptive language skills in autism spectrum disorder and in cognitive impairment | \$301,995   | Q4.Other                     | Vanderbilt University                         |

| Project Title  | Funding   | Strategic Plan Objective | Institution   |
|--|-----------|--------------------------|---|
| TRIAD Social Skills Summer Camp  | \$25,000  | Q5.L.C                   | Vanderbilt Kennedy Center-Treatment and Research<br>Institute for Autism Spectrum Disorders (TRIAD) |
| Conventional vs. mindfulness intervention in parents of children with disabilities | \$498,782 | Q5.Other                 | Vanderbilt University   |
| Core E: Participant Recruitment & Assessment Services                              | \$281,311 | Other                    | Vanderbilt University   |
| Core E: Participant Recruitment & Assessment Services (supplement)                 | \$25,956  | Other                    | Vanderbilt University   |
| Core A: Administrative Services  | \$248,162 | Other                    | Vanderbilt University   |
| Core A: Administrative Services (supplement)                                       | \$22,897  | Other                    | Vanderbilt University   |